



WUWNET 08



CALL FOR PAPERS The Third ACM International Workshop on Underwater Networks



in conjunction with **ACM MobiCom 2008**
September 15, 2008, San Francisco, CA, USA
Sponsored by [ACM SIGMOBILE](#) and [IEEE OES](#)
<http://wuwnet08.engr.uconn.edu>

Important Dates:

Submission deadline: **May 9, 2008**
Acceptance notification: **June 19, 2008**
Camera-ready: **July 7, 2008**
Workshop date: **September 15, 2008**

General Co-chairs:

Milica Stojanovic (MIT/WHOI)

Technical Program Co-chairs:

Phil Schniter (The Ohio State University)
Wei Ye (Univ. of Southern California)

Steering Committee:

Ian F. Akyildiz (Georgia Tech.)
Jun-Hong Cui (Univ. of Connecticut, Chair)
David H. Du (Univ. of Minnesota/NSF)
Kevin Fall (Intel Research, Berkeley)
Robert Headrick (Office of Navy Research)
John Heidemann (Univ. of South California)
Urbashi Mitra (Univ. of South California)
Milica Stojanovic (MIT/WHOI)

Posters/Demos and Awards Chair:

Shengli Zhou (Univ. of Connecticut)

Finance Chair:

Payman Arabshahi (Univ. of Washington)

Publicity/Publications Chair:

Dario Pompili (Rutgers, The State University
of New Jersey)

Local Arrangements and Registration Co-Chairs:

Qilian Liang (Univ. of Texas at Arlington)
Shu Xiao (Cisco, Inc.)

Technical Program Committee:

Announced at the workshop website

Overview

The goal of the workshop is to bring together researchers and practitioners in areas relevant to underwater networks. Thus, all layers of the protocol stack, from the physical layer to application, will be represented. Its objective is to serve as a forum for presenting state of the art research, exchanging ideas and experiences, and facilitating interaction and collaboration. The workshop will span one day, including presentations of technical papers, keynote speeches, and a poster/demo session. Submissions for technical papers should describe original research, not published or currently under review for other workshops, conferences, or journals.

Topics of interest include, but are not limited to:

- Network architecture design
- Efficient acoustic communications
- Cooperative underwater communications
- Medium access control
- Routing and forwarding
- Reliable data transfer
- Security and robustness
- In-network data storage
- Resource management (energy, bandwidth)
- Localization and time synchronization
- Data fusion, dissemination, tracking
- Network modeling and simulations
- Network planning and deployment
- New applications utilizing underwater networks
- Testbed and systems: real-world experiences and lessons

Submission Guidelines

The workshop accepts both regular **full papers** and **short papers**. Short papers present new ideas or new visions that may influence the direction of future research, yet they may be less mature than full papers. While an exhaustive evaluation of the proposed ideas is not necessary, insight and in-depth understanding of the issues is expected. All paper submissions will be handled electronically. Papers must be in PDF format, no longer than **8 pages for full papers (4 pages for short papers)**. Submitted papers will be judged based on their quality and novelty through a rigorous review process. All accepted papers will appear in the workshop proceedings. Detailed instructions for paper submission will be posted on the workshop website. Some papers that cannot be included in the main workshop program may be accepted as extended abstracts. If the authors agree, these papers will be included in the proceedings as **2-page extended abstracts** and will be presented at the workshop in a poster session.